INTERNATIONAL SEARCH REPORT

Internal Application No PCT/DE2004/002614

| a. classi IPC 7 | FICATION OF SUBJECT MATTER B23P15/00 B21H1/00 B21H1/1 | 8 B21H7/18 | | | | |
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| According to | o International Patent Classification (IPC) or to both national classifi | cation and IPC | | | | |
| B. FIELDS | SEARCHED | | | | | |
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| "A" document defining the general state of the art which is not considered to be of particular relevance or state of the art which is not considered to be of particular relevance invention "E" earlier document published after the international filling date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention | | | | | | |
| "X" document of particular relevance; the claimed invention filing date "L" document which may throw doubts on priority claim(s) or "L" document which may throw doubts on priority claim(s) or "L" document which may throw doubts on priority claim(s) or "Notice an inventive step when the document is taken alone | | | | | | |
| which is clied to establish the publication date of another "Y" document of particular relevance; the claimed invention citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the | | | | | | |
| "O" document referring to an oral disclosure, use, exhibition or other means document is combined with one or more other such document other means document is combined with one or more other such document other means document is combined with one or more other such document is comb | | | | | | |
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| 20 July 2005 28/07/2005 | | | | | | |
| Name and mailing address of the ISA Authorized officer Authorized officer | | | | | | |
| | European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Watson, S | | | | |

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PCT/DE2004/002614

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| Nach der In | iternationalen Patentidassifikation (IPK) oder nach der nationalen Kla | assifikation und der IPK | | | |
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| C. ALS WE | SENTLICH ANGESEHENE UNTERLAGEN | ······································ | | | |
| Kategorie* | Bezeichnung der Veröffentlichung, soweit erforderlich unter Angab | oe der in Beiracht kommenden Teile | Betr. Anspruch Nr. | | |
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| entnehmen Besondere Kategorien von angegebenen Veröffentlichungen: "T" Spätere Veröffentlichung, die nach dem internationalen Anmetdedatum | | | | | |
| *A* Veröffentlichung, die den aligemeinen Stand der Technik definiert, aber nicht als besonders bedeutsam enzusehen ist und mit der Anmeldung nicht kollidiert, sondern nur zum Verständnis des der | | | | | |
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| *L' Veröffentlichung, die geelgnet ist, einen Prioritätsanspruch zweifelhaft er- schelnen zu lassen oder dumb die des Veröffentlichung nicht als neu oder auf | | | | | |
| anderen im Recherchenbericht genannten Veröffentlichung belegt werden soll oder die aus einem anderen besonderen Grund angegeben ist (wie ausgeführt) erinnderischer Tatigkeit beruhend betrachtet werden "Y" Veröffentlichung von besonderer Bedeutung; die beanspruchte Erfindung kann nicht als auf erfinderischer Tätigkeit beruhend betrachtet | | | | | |
| *O' Veröffentlichung, die sich auf eine mündliche Offenbarung, Veröffentlichungen dieser Kategorie in Verbindung gebracht wird und | | | | | |
| "P" Veröffentlichung, die vor dem Internationalen Anmeldedatum, aber nach dem beanspruchten Prioritätsdatum veröffentlicht worden ist "B" Veröffentlichung, die Verbindung für einen Fachmann nahellegend ist diese Verbindung fü | | | | | |
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| | NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Watson, S | ļ | | |

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Angaben zu Veröffentlichung die zur selben Patentfarnille gehören

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